|    | Index of Claims |            |          |   |          |          |           |          |              |                |  |       |            | Application No. |            |             |          |          |                |              |       |     |          |            | Applicant(s)    |            |              |              |              |               |  |          |  |
|----|-----------------|------------|----------|---|----------|----------|-----------|----------|--------------|----------------|--|-------|------------|-----------------|------------|-------------|----------|----------|----------------|--------------|-------|-----|----------|------------|-----------------|------------|--------------|--------------|--------------|---------------|--|----------|--|
|    |                 |            |          |   |          |          |           |          |              |                |  |       |            | 1               | 10/074,193 |             |          |          |                |              |       |     |          |            |                 | SHI ET AL. |              |              |              |               |  |          |  |
|    |                 |            |          |   |          |          |           |          |              |                |  |       |            |                 | Examiner   |             |          |          |                |              |       |     |          |            |                 | Art Unit   |              |              |              |               |  |          |  |
|    |                 |            |          |   |          |          |           |          |              |                |  |       |            |                 | ١.         |             |          |          |                |              |       |     |          |            |                 | 2634       |              |              |              |               |  |          |  |
| -  |                 | 110212     | 1 11 81  |   |          |          |           |          |              | 1 110          |  |       |            |                 |            | Kevin Y Kim |          |          |                |              |       |     |          |            |                 | 26         | 34           |              |              |               |  |          |  |
|    | (The     )      |            |          |   |          |          |           |          |              |                |  |       |            |                 | $\Box$     | ſ           | П        |          |                |              | _     |     |          |            |                 |            |              |              |              | 1             |  |          |  |
|    | √ Rejected      |            |          |   |          |          |           |          | -            | Cancelled      |  |       |            |                 | araı,      | '           |          | N        | No             | n-E          | Elec  | cte | ted      |            | Α               | Appeal     |              |              |              |               |  |          |  |
|    |                 |            |          |   |          |          |           |          | $\vdash$     |                |  |       |            |                 |            |             |          |          |                | Interferen   |       |     |          | <b>-</b>   |                 | Objected   |              |              |              | ١,            |  |          |  |
|    | = Allowed       |            |          |   |          |          |           |          |              | + Restric      |  |       |            | cted            | ¹          |             |          |          | Int            | erf          | ere   | nc  | СӨ       |            | 0               | •          | Obj          | jeci         | ted          |               |  |          |  |
|    |                 |            |          |   |          |          |           |          |              | <u></u>        |  |       |            |                 |            |             |          |          |                |              |       |     |          |            |                 |            |              |              |              | _             |  |          |  |
|    | Claim           |            |          |   |          | _        | Date      | •<br>    | Τ.           | т              |  | CI    | Claim      |                 |            | Date        |          |          | ·<br>-   -   - |              |       | -   | Claim    |            | т               | Date       |              | ite          | Τ_           | $\overline{}$ | $\dashv$   |          |  |
|    | Final           | Original   | 4        | - |          |          |           |          |              |                |  | Final | Original   |                 |            |             |          |          |                |              |       |     | Final    | Original   |                 |            |              |              |              |               |  |          |  |
|    | ίĒ              | <u>o</u> ( | 3        | _ |          |          |           |          | ļ            |                |  | ίĒ    | original P |                 |            |             |          |          |                |              |       |     | Ē        | Origin .   |                 |            |              |              |              |               |  |          |  |
|    |                 | 1          | O        | _ | -        |          | $\dashv$  | +        | +            | +-             |  |       | 51         | $\vdash$        | ╁          | $\vdash$    |          | $\dashv$ | +              | +            | -     | -   | -        | 101        | $\dashv$        | +          | ╁            | +            | +            | ╁             | <del>                                     </del> | Н        |  |
|    |                 | 2          |          |   |          |          |           |          | 1            |                |  |       | 52         |                 |            |             |          |          |                | 1            |       |     |          | 102        |                 | 1          | 1            | 1            |              |               |  |          |  |
|    |                 | 3          | H        |   | $\vdash$ | Н        | _         | _        | +            | +              |  |       | 53<br>54   | $\vdash$        | +          | $\vdash$    | $\dashv$ | $\dashv$ |                | +            | -     | -   |          | 103<br>104 |                 |            | +            | +            | ╁            | ╁             | -  | Н        |  |
|    |                 | 5          |          |   |          |          |           | -        |              | $\top$         |  |       | 55         | +               | +          | $\vdash$    |          |          | +              | 1            | -     | -   |          | 105        |                 | $\dashv$   | +            | $^{\dagger}$ | $\dagger$    | T             |  |          |  |
|    |                 | 6          | $\prod$  |   |          |          |           |          | I            | $\blacksquare$ |  |       | 56         |                 | $\perp$    | $\Box$      |          |          | $\perp$        | Ŧ            |       | F   |          | 106        |                 |            | -            |              | $\bot$       | _             |  |          |  |
|    |                 | 7_<br>8    | H        |   |          | Н        | $\dashv$  |          | ╁            | ┿              |  |       | 57<br>58   | ╁╌╁╴            | +          | H           |          | $\dashv$ | +              | +            | -     | H   |          | 107<br>108 |                 | +          | +            | +            | +            | ╁             | $\vdash$   | Н        |  |
|    |                 | 9          |          |   |          |          |           |          |              |                |  |       | 59         |                 |            |             |          |          |                |              | ]     |     |          | 109        |                 |            | I            | 土            |              | L             |  |          |  |
|    |                 | 10         | Н        |   |          |          | $\dashv$  | -        | _            | ╁              |  |       | 60         |                 | +          | Н           | _        | _        | +              | +            | -     | -   |          | 110<br>111 |                 | _          | $\bot$       | +            | -            | ╀             | _  | Н        |  |
|    |                 | 11<br>12   | Н        |   | $\vdash$ | Н        | $\dashv$  | +        | +            | +              |  |       | 61<br>62   | $\vdash$        | +-         | H           |          |          | ╁              | +            | -     | ┢   | 1        | 112        |                 | +          | +            | +            | +            | +             | -  | Н        |  |
|    |                 | 13         | П        |   |          |          |           |          |              |                |  |       | 63         |                 |            | $\Box$      |          |          |                | 1            | ]     |     | 1        | 113        |                 |            | Ţ            |              | L            |               |  |          |  |
| ı  |                 | 14<br>15   | Н        |   | H        | Н        |           | _        | +            | +              |  |       | 64<br>65   | $\vdash$        | ╁          | $\vdash$    | _        |          | -              | +            | -     | -   |          | 114<br>115 |                 | _          | +            | +            | +            | $\vdash$      | $\vdash$   | $\vdash$ |  |
|    |                 | 16         |          |   | _        |          |           |          | $\dagger$    |                |  |       | 66         |                 |            |             |          |          |                | T            |       | t   |          | 116        |                 |            | 1            | Ţ            |              |               |  |          |  |
|    |                 | 17         |          |   |          |          |           | 4        | 4            | -              |  |       | 67<br>68   | $\vdash$        | -          | $\vdash$    |          | _        | _              | +            | -     | -   |          | 117<br>118 | $\dashv$        | _          | +            | +            | $\downarrow$ | +             | _  | Н        |  |
|    |                 | 18<br>19   |          |   | $\vdash$ |          | $\dashv$  |          | +            | +              |  |       | 69         | $\vdash$        | +          | H           |          |          |                | +            | -     | ┢   | - 1      | 119        | $\dashv$        | _          | +            | +            | +            | +-            | <del> </del>                                     | H        |  |
|    |                 | 20         |          |   |          |          |           |          | 1            |                |  |       | 70         |                 | 1          |             |          |          |                |              | ]     | L   |          | 120        |                 |            | Ţ            |              | 1            |               |  | П        |  |
|    |                 | 21         | Н        |   | $\vdash$ |          | -         |          | ╁            | +              |  |       | 71<br>72   | $\vdash$        | +          | $\vdash$    | $\dashv$ | $\dashv$ | -              | +            | -     | H   |          | 121<br>122 | $\dashv$        | +          | +            | +            | ╁            | ╁             |  |          |  |
|    |                 | 23         |          |   |          |          |           |          | İ            |                |  |       | 73         |                 |            |             |          |          |                |              |       |     |          | 123        |                 |            |              |              |              |               |  |          |  |
|    |                 | 24<br>25   | Н        |   |          | Н        | _         | _        | +            | -              |  | -     | 74<br>75   | $\vdash$        | +          | $\vdash$    |          |          | _              | +            | -     | -   |          | 124<br>125 |                 | _          | +            | +            | +            | +             | ┝  | Н        |  |
|    |                 | 26         | Н        |   |          |          | $\dashv$  | +        | $\dagger$    | +              |  |       | 76         | +               | +          | $\vdash$    |          |          |                | $\dagger$    | -     | H   |          | 126        | $\dashv$        | +          | +            | +            | $\dagger$    | ╁             | <del> </del>                                     |          |  |
|    |                 | 27         | П        |   |          |          |           |          | T            |                |  |       | 77         |                 | 1          | П           | $\Box$   |          |                | $\downarrow$ | ]     | ſ   |          | 127        |                 |            | T            | $\perp$      | $\perp$      |               |  |          |  |
|    |                 | 28<br>29   | 8        | _ | -        |          | _         | +        | ┿            | ╁              |  |       | 78<br>79   |                 | +          | +           | -        | $\vdash$ | -              | +            | -     | -   |          | 128<br>129 | $\dashv$        | +          | +            | +            | ╁            | ╁╴            | ├  | Н        |  |
|    |                 | 30         | Ĭ        |   |          |          |           |          |              |                |  |       | 80         |                 |            |             |          |          |                | 1            |       | L   |          | 130        |                 |            | $^{\dagger}$ |              |              | $\perp$       |  |          |  |
|    |                 | 31<br>32   |          |   | L        | Н        | _         |          | +            | <b>↓</b>       |  |       | 81<br>82   | H               | +-         | $\vdash$    |          |          |                | +            | -     | -   |          | 131<br>132 | $\dashv$        | +          |              | +            | +            | +             | -  | Н        |  |
|    |                 | 33         |          |   |          | H        |           | -        | $\dagger$    | +              |  |       | 83         |                 | +-         |             |          |          |                |              |       | -   |          | 133        |                 |            | $\dagger$    | $\top$       | $\dagger$    | $\dagger$     |  |          |  |
|    |                 | 34         |          |   |          |          |           |          |              | 1              |  |       | 84         |                 | $\bot$     | $\Box$      |          |          | $\blacksquare$ | $\perp$      | ]     | Γ   |          | 134        | $\Box$          | $\perp$    | 1            | Ţ            | $\bot$       | -             | L  | Ц        |  |
|    |                 | 35<br>36   | H        |   | ┝        | Н        | $\dashv$  |          | +            | +              |  |       | 85<br>86   | $\vdash$        | +          | H           |          |          | $\dashv$       | +            | -     | ŀ   | $\dashv$ | 135<br>136 |                 | +          | +            | +            | ╁            | +             | 1  | Н        |  |
|    |                 | 37         |          |   |          |          |           |          | I            |                |  |       | 87         |                 |            |             |          |          | 丁              |              |       |     |          | 137        |                 | $\perp$    | I            | 工            |              |               |  |          |  |
|    |                 | 38<br>39   |          | _ | _        | Н        | $\vdash$  |          | +            | +-             |  |       | 88<br>89   | -               | +-         | 1           | _        |          | +              | +            | -     | -   |          | 138<br>139 | Н               | +          | +            | _            | +            | +-            | -  | Н        |  |
|    |                 | 40         |          |   | $\vdash$ | Н        | $\dashv$  |          | +            | +              |  |       | 90         | ++              | ╁          | +           | $\dashv$ | $\dashv$ | $\dashv$       | +            | ┧     | -   | $\dashv$ | 140        | H               | +          | $\dagger$    | $\dagger$    | +            | +-            | -  | Н        |  |
|    |                 | 41         |          |   |          |          |           |          | T            | 1              |  |       | 91         |                 | T          |             |          |          | $\dashv$       | $\perp$      | ]     | F   |          | 141        | П               | $\perp$    | Ŧ            | T            | F            | F             | Г  | П        |  |
|    |                 | 42<br>43   | $\vdash$ | _ | -        | Н        | $\dashv$  | $\dashv$ | +            | +              |  |       | 92<br>93   | ++              | +          | +           | $\vdash$ | $\vdash$ | $\dashv$       | +            | -     | -   | $\dashv$ | 142<br>143 | $\vdash \vdash$ | +          | +            | +-           | +            | +             | ╁  | Н        |  |
|    |                 | 44         |          |   |          |          |           | 士        | $^{\dagger}$ |                |  |       | 94         |                 | $\bot$     |             |          |          |                | 丰            |       | ļ   |          | 144        |                 |            | #            | ightharpoons | $\bot$       | $^{\dagger}$  |  |          |  |
|    |                 | 45<br>46   | $\vdash$ |   | $\vdash$ | $\vdash$ | $\dashv$  | _ -      | +            | +              |  |       | 95<br>96   | $\vdash$        | +          | $\vdash$    |          |          | _              | +            | - ::: | ŀ   |          | 145<br>146 | H               | +          | +            | +            | +            | +             | 1  | Н        |  |
|    |                 | 47         |          | _ |          | H        | $\exists$ | $\pm$    | $\pm$        | $\pm$          |  |       | 97         |                 | +          | $\pm$       |          |          | _              | +            |       | +   |          | 147        |                 | 士          | ╁            | $\pm$        | $\pm$        | $\perp$       |  |          |  |
|    |                 | 48         |          |   |          |          |           |          | T            |                |  |       | 98         |                 | Ŧ          | $\Box$      |          |          | #              | 1            | 1     | F   | $\Box$   | 148        |                 | 7          | Ŧ            | 7            | T            | L             |  | П        |  |
|    |                 | 49<br>50   | Н        |   | $\vdash$ | Н        | $\dashv$  |          | +            | +              |  |       | 99<br>100  | ++              | +          | +           |          | $\dashv$ |                | +            | -     | H   |          | 149<br>150 | H               |            | +            | +            | +            | +-            | $\vdash$   | Н        |  |
| Į. |                 |            |          | _ |          |          |           |          |              | ٠              |  |       |            |                 |            | _           |          | -        |                |              |       | ٠.  |          |            |                 |            |              |              |              |               | ٠  |          |  |